



8MS Cloud API is an add-on service to the 8MS Cloud platform. It allows your company to streamline its toll-free number provisioning flow and integrate the power of 8MS into its in-house IT infrastructure.

A vanity toll-free number provider, for example, can use the 8MS Cloud API to integrate their e-commerce website with the 8MS Cloud platform to automate the number reservation process in the Somos SMS/800 database. Similarly, a telecom provider can integrate their in-house ordering and provisioning system with 8MS Cloud to automate the activation process of hundreds of toll-free numbers (TFNs) in a single step. Not only does toll-free provisioning with 8MS Cloud reduce staff time and effort, but it also allows your company to realize revenue much sooner.

The API consists of high-level 8MS Cloud platform commands that are designed to make the integration with Somos SMS/800 much faster, easier and more automated. These commands include:

- **BatchCopyRecord** – copies a customer record from a given toll-free number or template and sends a record change for a group of other TFNs. This command allows users to apply a template record to a large set of toll-free numbers
- **BatchDisconnect** – tells SMS/800 when to schedule a disconnect of the accompanying active numbers
- **BatchNumberQuery** – retrieves the administrative information associated with a group of numbers. Typically, the administrative data returned includes the RespOrg of the number and its status (working, etc.)
- **BatchNumberRetrieve** – retrieves numbers from SMS/800 into the local 8MS database
- **BatchNumberSpare** – is used to spare a group of previously reserved (or disconnected) numbers

- **MultiChangeRespOrg** – changes the RespOrg of toll-free number(s)
- **Disconnect** – schedules a disconnect of the accompanying active number
- **NumberQuery** – retrieves the administrative information associated with a TFN. Typically, the administrative data returned includes the RespOrg of the number and its status (working, etc.)
- **NumberSpare** – is used to spare a previously reserved (or disconnected) number
- **Search** – searches toll-free number(s) in the SMS/800 spare pool

“Our customers love to search for and select new toll-free numbers, and to quickly and easily transfer existing toll-free numbers to our service. The 8MS Cloud APIs help us to automate our toll-free provisioning and keep our customers happy.”

Michael Crown, President, FracTEL

- **Reserve** – reserves toll-free number(s) from the SMS/800 spare pool on your company's RespOrg ID
- **NumberHistory** – looks at the SMS/800 history associated with any toll-free number. SMS/800 maintains a database of the change history of all toll-free numbers. Any time a change is made, an entry is made

noting the date/time of the change, the login ID used to make the change, a RespOrg change that may have resulted, and/or a change to the number status

- **GetAvails** – this is the same easy-to-use API command that powers CSF's 800ForAll.com site. It retrieves a list of toll-free numbers that are currently spare. The search may be restricted to specific NPAs or toll-free numbers. SMS/800 wildcard patterns (* and &) may be used in the toll-free number field. Start and end dates may be used to restrict the search even more.

8MS Cloud API includes additional API extensions for CPRGen, LCRGen, Carrier Express®, and TeXT.

8MS Cloud Platform Services

8MS Cloud Core - The main application service of the platform that simplifies and automates the provisioning of toll-free numbers.

8MS Cloud Carrier Express - A standalone or add-on service of the platform that automates the carrier-side provisioning and activation process.

8MS Cloud API - An add-on service that allows carriers and RespOrgs to streamline the toll-free number provisioning flow and integrate the power of 8MS Cloud into their in-house IT infrastructures.

8MS Cloud CPRGen - An add-on service that automates the generation, management, and optimization of complex geographic toll-free routing.

8MS Cloud LCRGen - An add-on service that creates least-cost routing by minimizing external carrier costs and generating optimized toll-free routing.

8MS TeXT - A turnkey solution to enable carriers and RespOrgs to text-enable and deliver texting on toll-free numbers for your customers.

800ForAll.com - An e-commerce website, based on 8MS Cloud, that allows individuals to search for and reserve toll-free numbers and port those numbers to a carrier or RespOrg of their choice.

About 8MS Cloud

CSF's leading SaaS platform simplifies and automates toll-free number provisioning and complex routing with increased automation and a simple administrative interface.

With 8MS Cloud, you can reserve, update, and activate toll-free numbers in bulk in the Somos SMS/800 database and major carrier networks. Use 8MS Cloud to optimize the routing of toll-free numbers based on geography and least cost, and quickly re-route them during an emergency. The platform also provides a turnkey solution for text enabling toll-free numbers from the same interface, without the need to establish separate relationships with texting providers. Visit www.8mscloud.com to learn more.

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